Monthly Divisional Report

New Jersey State Highway Department

July 1959

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Form #AD-39

Reports Monthly

MONTHLY DIVISIONAL REPORT

Month of July 1959

Division: Accounting & Administrative Services

Bureau: Auditing & Accounting
Office of Comptroller

Budget Requests from the various Divisions and/or Bureaus were received in the Comptroller's Office and individual conferences were held with Division Heads anent their requirements for the 1960-1961 year.

Final verification of accounts for the year-end closing of fiscal year 1958-1959; preparation of statements for inclusion in the annual Expenditures and Commitments Report in process.

Approximately 2800 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll.

Warrants were drawn for 52 County & Municipal Aid payments amounting to $319,225.81. Funds were certified on Contract, Price Agreements, Transfer forms, etc.

Cyrus Card
Comptroller

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Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 59

Division: Administration
Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2940 checks for the month. Total of payrolls for the month $488,129.18. Signed as Head Paymaster the above checks.

Correspondence regarding Hourly Basis Personnel.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Spent four (4) days paying in the field during vacation of regular paymaster and one (1) day conferring with Highway employees regarding their retirement from State service.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary forms and information required.

Attended conference conducted at State House by Department of Civil Service and Public Employees' Retirement System regarding matters of retirement

Clyde W. Case
Head Paymaster

Form 660-39

MONTHLY DIVISIONAL REPORT

Month of July 19 59

Division: Administration
Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2910 checks for the month. Total of payrolls for the month $468,129.18. Signed as Head Paymaster the above checks.

Correspondence regarding Hourly Basis Personnel.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Spent four (4) days paying in the field during vacation of regular paymaster and one (1) day conferring with Highway employees regarding their retirement from State service.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary forms and information required.

Attended conference conducted at State House by Department of Civil Service and Public Employees' Retirement System regarding matters of retirement

Clyde W. Dane
Head Paymaster

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY 1959

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

TWO OFFICES WERE PROCURED FOR THE RAILROAD DIVISION; SURPLUS FURNITURE WAS USED FROM THE POOL FOR THESE OFFICES. TWO ELECTRIC TYPEWRITERS WERE TAKEN FROM THE TYPEWRITER POOL AND LOANED TO THIS DIVISION, STRICTLY ON A TEMPORARY BASIS. THREE MANUAL TYPEWRITERS WERE RENTED FROM PRIOR TYPEWRITER COMPANY FOR APPROXIMATELY SIX MONTHS. TELEPHONE SERVICE WAS INSTALLED IN QUITE SHORT NOTICE.

A PRELIMINARY INVESTIGATION AND SURVEY IS BEING MADE TO CONSOLIDATE THE TELEPHONE SERVICES USED IN THE RIGHT OF WAY BOGOTA OFFICE. IT WILL BE NECESSARY TO HAVE INTERCOMMUNICATION SYSTEMS FOR BOTH HOUSES AS THEIR WORK IS CLOSELY ALLIED. A TELEPHONE REPRESENTATIVE HAS BEEN CONTACTED WHO INSISTS THAT THE ONLY SOLUTION TO THIS PROBLEM WOULD BE IN THE INSTALLATION OF A TELEPHONE SWITCHBOARD. THIS OF COURSE IS OUT OF THE QUESTION AND A RE-SURVEY WILL BE MADE IN AUGUST FOR ADEQUATE SERVICE, KEEPING IN MIND ECONOMY OF THE SERVICE. A RE-SURVEY IS BEING MADE OF THE HADDONFIELD OFFICE AS TO THE EFFICIENCY OF THEIR TELEPHONE SERVICE. A FURTHER REPORT WILL FOLLOW WHEN EVALUATIONS CAN BE FULLY MADE.

FILES & RECORDS

WORK CONTINUED ON CLEARING OUT THE FILES IN THE BUREAU OF MAINTENANCE AS AUTHORIZED BY THE STATE RECORDS COMMITTEE. A NEW SUBJECT LIST HAS BEEN PROMULGATED FOR THAT BUREAU AND PUT INTO USE. THE BACK-LOG OF WORK HAS BEEN ABOUT 50% CAUGHT UP. WORK CONTINUES IN CLEARING OUT AUTHORIZED RECORDS FROM OUR RECORDS BUILDING.

MAILING SECTION

THE MAIL ROOM WAS UNUSUALLY BUSY DURING THE MONTH, WHICH IS PROVEN BY THE FACT THAT $3736.07 WAS SPENT ON POSTAGE, OVER $1000.00 OF WHICH WAS USED ON MAINTENANCE PAYROLL ENVELOPES. THE RAILROAD DIVISION ACCOUNTED FOR ALMOST $100 WORTH AND STATE AID MAILED THEIR ANNUAL FORM REQUESTS, CERTIFIED, AND USED ALMOST $500.00 WORTH OF POSTAGE.

THE BUREAU OF PUBLIC RELATIONS AND THE SECRETARY'S OFFICE KEPT THE MAILING SECTION QUITE BUSY, ALSO. MAP REQUESTS WERE RATHER SCARCE. TWO MAILING TABLES AND TWO MAIL BAGS WERE ORDERED, ALSO, A CART FOR THE DELIVERING OF MAIL IN THE BUILDING.

DUPLICATING SECTION

CONTRARY TO THE USUAL SEASON JULY SAW NO LET UP OF THE RUSH OF JOBS TO BE TURNED OUT. MANY RUSH JOBS CAME FROM THE NEWLY CREATED RAILROAD DIVISION, PLUS A CONTINUING INCREASE FROM OUR PUBLIC RELATIONS BUREAU.

OVERTIME WORK WAS NECESSARY ON SEVERAL OCCASIONS TO KEEP UP WITH THIS RUSH. AN ADDITIONAL TEMPORARY EMPLOYEE HAS BEEN REQUESTED FOR THIS SECTION.

Form 240-B

MONTHLY DIVISIONAL REPORT

Month of JULY 19 59

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

Two offices were procured for the Railroad Division; surplus furniture was used from the pool for these offices. Two electric typewriters were taken from the typewriter pool and loaned to this division, strictly on a temporary basis. Three manual typewriters were rented from Prion Typewriter Company for approximately six months. Telephone service was installed in quite short notice.

A preliminary investigation and survey is being made to consolidate the telephone services used in the Right of Way Bosota Office. It will be necessary to have intercommunication systems for both houses as their work is closely allied. A telephone representative was been contacted who insists that the only solution to this problem would be in the installation of a telephone switchboard. This of course is out of the question and a re-survey will be made in August for adequate service, keeping in mind economy of the service. A re-survey is being made of the Hadgonfield Office as to the efficiency of their telephone service. A further report will follow when evaluations can be fully made.

FILES & RECORDS

Work continued on clearing out the files in the Bureau of Maintenance as authorized by the State Records Committee. A new subject list has been promulgated for that Bureau and put into use. The back-log of work has been about 50% caught up. Work continues in clearing out authorized records from our Records Building.

MAILING SECTION

The mail room was unusually busy during the month, which is proven by the fact that $3735.07 was spent on postage, over $1000.00 of which was used on Maintenance Payroll envelopes. The Railroad Division accounted for almost $100 worth and State Aid mailed their annual form requests, certified, and used almost $500.00 worth of postage.

The Bureau of Public Relations and the Secretary's Office kept the mailing section quite busy, also. Map requests were rather scarce. Two mailing tables and two mail bags were ordered, also, a cart for the delivering of mail in the building.

DUPLICATING SECTION

Contrary to the usual season July saw no let up of the rush of jobs to be turned out. Many rush jobs came from the newly created Railroad Division, plus a continuing increase from our Public Relations Bureau.

Overtime work was necessary on several occasions to keep up with this rush. An additional temporary employee has been requested for this section.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY, 1959

Division: Administration

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of July, 1959, were mostly of a routine nature.

Bids were received on July 7 on empty 5-gallon Paint Cans. Disposal Request was approved and bid awarded to the United Can Company, Paulsboro, New Jersey, at $.037-each. Checks of unsuccessful bidders were returned.

Check for $2629.77 from the American Cooperage and Steel Drum Company, Baltimore, Maryland, in payment of drums picked up at various locations throughout the State, was forwarded to Mr. Cyrus Card, Comptroller.

Check for $7.43 from the Auto Waste Oil Service, Trenton, New Jersey, in payment of 495 gallons of crankcase drainings and used benzol at $.015-per gallon, picked up between January 1, 1959, and June 30, 1959, was forwarded to Mr. Cyrus Card, Comptroller.

Employment of Dorothy P. Staszewski as Clerk-Stenographer, Position #68, effective July 6, 1959, from Civil Service list was approved.

Interviewed 25 salesmen representing various concerns during the month and attended 7 meetings re departmental matters and purchases, including one meeting with Mr. Buis and other members of the Equipment Bureau regarding their budget requests for the fiscal year 1961, - and two meetings with aluminum jobbers relative to the possibility of bulk purchases of aluminum for sign blanks.

Clifford Wear

Clifford Wear
Supervisor, Purchase and Stores Bureau

Form AAD-39

MONTHLY DIVISIONAL REPORT

Month of JUNE, 1959

Division: Administration

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of July, 1959, were mostly of a routine nature.

Bids were received on July 7 on empty 5-gallon Paint Cans. Disposal request was approved and bid awarded to the United Can Company, Paulsboro, New Jersey, at $.037-each. Checks of unsuccessful bidders were returned.

Check for $2629.77 from the American Cooperage and Steel Drum Company, Baltimore, Maryland, in payment of drums picked up at various locations throughout the State, was forwarded to Mr. Cyrus Card, Comptroller.

Check for $7.43 from the Auto Waste Oil Service, Trenton, New Jersey, in payment of 195 gallons of crankcase drainings and used benzol at $.015-per gallon, picked up between January 1, 1959, and June 30, 1959, was forwarded to Mr. Cyrus Card, Comptroller.

Employment of Dorothy P. Staseswski as Clerk-Stenographer, Position #68, effective July 6, 1959, from Civil Service List was approved.

Interviewed 25 salesmen representing various concerns during the month and attended 7 meetings re departmental matters and purchases, including one meeting with Mr. Bris and other members of the Equipment Bureau regarding their budget requests for the fiscal year 1961, - and two meetings with aluminum jobbers relative to the possibility of bulk purchases of aluminum for sign blanks.

Clifford Wear
Supervisor, Purchase and Stores Bureau

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **July** 19 **59**

Division: **Accounting and Administrative Services**

Bureau: **Office of the Secretary**

CONTRACTS

Bids received on twenty-three (23) projects and necessary reports and certificates of award prepared. Seventeen (17) contracts awarded; contracts prepared and forwarded for execution. Execution of twenty-one (21) contracts completed. Twenty-two (22) projects advertised for bids. Three hundred and seventy-seven (377) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Three (3) Schedules prepared listing a total of three hundred and forty-seven (347), which by a combination of items where possible represents action on four hundred and forty-eight (448) individual items. Official copies of Schedules signed by the Commissioner, placed in the Minutes Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

23 Standard specifications issued
4 Deposits made for transmittal of income
3 Traffic Regulations certified to the Director, Div. Motor Vehicles
83 Property agreements attested and processed
16 Agreements attested and processed
2 Deeds of Conveyance acknowledged and attested
3 Utility Orders attested and processed
69 Municipal Aid contracts, applications, agreements transfers, etc. certified
23 Motor Vehicle license forms executed
3 Lease agreements executed and processed
10 Releases executed
2 Motor Vehicle release agreements executed
10 Highway lighting reimbursement agreements executed
1 Equipment rental agreement executed

3000 (approximately) maps distributed

General correspondence, filing and answering telephone inquiries

Kenneth D. Rice

Kenneth D. Rice
Secretary

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of award prepared. Seventeen (17) contracts awarded; contracts
and forwarded for execution. Execution of twenty-one (21)
cts completed. Twenty-two (22) projects advertised for bids.
specifications distributed.

(3) Schedules prepared listing a total of three hundred and forty-
copies of Schedules signed by the Commissioner, placed in the Minutes
and necessary letters concerning official actions written.

3 Standard specifications issued
3 Traffic Regulations certified to the Director, Div. Motor Vehicles
93 Property agreements attested and processed
2 Deeds of Conveyance acknowledged and attested
3 Utility Orders attested and processed
3 Motor Vehicle license forms executed
1 Lease agreements executed and processed
10 Releases executed
10 Highway lighting reimbursement agreements executed

110 (approximately)maps distributed

l correspondence, filing and answering telephone inquiries

Kenneth H. Hico

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Bridge

Bureau: Bridges Under Construction Sheet #1

		% OF COMPLETION
Rt. US 1:		
Sec. 1	Four Structures, Lawrence Twp., Mercer County	42
2	Culvert, Lawrence Twp., Mercer County	98
3	Two Bridges & Culvert, Plainsboro, Mercer County	77
Rt.US 1&9:		
Sec. 1&2	Ramp Revisions, Jersey City, Hudson County	16
US. 9		
Sec. 2	Cape May Canal Bridge, Lower Twp., Cape May County	2
Rt. 17:		
Sec. 7C	Midland Ave. Overpass, Paramus, Bergen County	97
Rt. 15:		
Sec. 1	Bridge over Burnt Meadow Brook, Rockaway & Wharton, Morris County	0
Rt. 18:		
Sec. 2	2 Overpasses, 2 Walls, New Brunswick, Middlesex County	55
4	Englishtown Road Underpass, Madison Twp., Middlesex County	76
Rt. 21:		
Sec. 1B	Six Structures, Belleville & Nutley, Essex County	94
Rt. 23:		
Sec. 1	Peckman Brook Bridge, Cedar Grove, Essex Co.	11
Rt. 45:		
Sec. 1	Woodbury Creek Bridge (Redecking))	100
Rt. 72:		
Sec. 5F	Manahawkin Bay Bridge, Three Trestles, Ocean County	99
Rt. 78:		
Sec. 2E	5 Structures, Bloomsbury, Beth. & Union Twp., Hunterdon Co.	49
2F	O.P.at CRR & LWRR,Bloomsbury & Bethlehem Twp., Hunterdon Co.	31
Rt. 80:		
Sec. 2G	Pedestrian Overpass at Ramp K, Denville, Morris Co.	23
Rt.101:		
Sec. 2A	Seven Structures, Rockaway, Morris County	99.5
2C	Eight Structures, Wharton, Morris County	97
2D	Overpass at DL&W R.R., Roxbury Twp., Morris County	98
Rt.102:		
Sec. 2B	Six Bridges, Greenwich Twp., Warren-Hunterdon Counties	94
2D	Six Bridges, Greenwich & Franklin Twps., Warren-Hunterdon Co.	99
Rt. 104:		
Sec.1A-2A	East & West Viaducts over Raritan River, Middlesex-Somerset Co.	75

Four Structures, Lawrence Twp., Mercer County 42
2 Culvert, Lawrence Twp., Mercer County 96
3 Two Bridges & Culvert, Plainsboro, Mercer County 77

Ramp Revisions, Jersey City, Hudson County 15

Cape May Canal Bridge, Lower Twp., Cape May County 2

2 Overpasses, 2 Walls, New Brunswick, Middlesex County 42
Englishtown Road Underpass, Madison Twp., Middlesex County 70

Six Structures, Belleville & Nutley, Essex County 24

Freeman Brook Bridge, Cedar Grove, Essex Co. 11

Manalapan Bay Bridge, Three Trestles, Ocean County 29

5 Structures, Bloomsbury, Hoth. & Union Twp., Hunterdon Co. 42
O.P.&t Cmk & Lwbk,Bloomsbury & Bethlehem Twp., Hunterdon Co. 31

Rt. 108: Sec. 2B	Four Bridges & Culvert, Haddon Heights, Camden County	100
Rt. 169: Sec. 1	Three Bridges, Bayonne & Jersey City, Hudson County	1
Rt. 202: Sec. 3	Bridge over North Branch Raritan River, Branchburg, Somerset Co.	99
Rt. 208: Sec. 2	Ewing Avenue Overpass, Franklin Lakes, Bergen County	95
3	Four Structures, Hawthorne & Wyckoff, Passaic-Bergen Counties	97
Rt. 287: Sec.1C&2B	Seven Bridges, Franklin & Piscataway Twps.,Somerset-Middlesex Co.	1
Rt. 295: Sec. 1C	Nine Structures, Deptford & Westville, Camden-Gloucester Co.	25
	Scudders Falls Bridge (Substructure) over Delaware River	93
	Scudders Falls Bridge (Superstructure) over Delaware River	26
	Two Bridges on Hopewell-Woodsville Rd.,Mercer-Hunterdon Co.	45
	Aqueduct Bridge over Pompton River, Lincoln Park, Morris-Passaic Co.	98

No. 124:		
No. 25	Pine Bridge & Culvert, Baldwin Co.-Pine, Tuscon County	100
No. 126:		
No. 1	Three Corners, Between & Jarvy City, Baldwin County	1
No. 200:		
No. 3	Bridge over Twin Branch Middle River, Brookhaven Co.	49
No. 201:		
Pen. 1	Muddy Prairie Overpass, Prairie Lakes, Morgan County	95
2	Rock Abutments, Limestone & Wyckoff, Pleasant-Haven Counties	97
No. 317:		
Sec.1	Green Bridge, Prairie & Pleasant Twp.-Morrison-Hutchison Co.	1
No. 318:		
Sec. 12	Deer Structures, Bedford & Waterville, Oneida-Clarendon Co.	60
[illegible]	Fuller Bridge (Deterioration) over Delaware River	80
[illegible]	Falls Bridge (Superstructure) over Delaware River-	84
The Bridges on Hopewell-Woodsville Rd.,Mercer-Hunterdon Co.		142
[illegible]		86

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 59

Division: Bridge

Bureau: Design Section Sheet #1

Rt.US 1: Underpass at Milltown Road:
Sec. Sent to Public Roads for approval.

Rt. 4: Pedestrian Overpasses at Forest Ave. & N. Hackensack:
Bids rec'd 7-21-59. Kuchar Bros., low bidder

Rt.4Pkwy: Chestnut Avenue Ramp Culvert:
Bids rec'd 6-17-59. Awarded to L. Zimmerman & Sons 6-29-59

Rt. 10: Underpass at Salem Street:
Sec.2A Advertised for bids to be received 7-29-59. Scaletti-Knowles,Inc.low bidder.

Rt. 13: Lovelandtown Bridge (Sidewalks):
Sec. 1 Letting of bids 6-3-59. No bids rec'd.

Rt. 17: Century Road Overpass:
Sec. 3 Bids rec'd 7-9-59. Awarded to Glenwal Co., Inc. 7-23-59

Rt. 18: Overpass at Route US 9:
Sec. 5 Advertised for bids to be received 7-29-59. Brann & Stuart Co.Low Bidder.

Rt. 20: Interchange at Route 4:
Reviewing plans prepared by Stelling, Lord-Wood & Van Suetendael.

Rt. 21: Ten Structures:
Sec.1C Bids rec'd 7-22-59. Franklin Contracting Co., low bidder

Rt.US22: Vaux Hall Road (Steps): Pedestrian Overpasses at Fairway Avenue
Sec.13A and Mountainside School:
& 14A Bids rec'd 7-21-59. Kuchar Bros., Inc., low bidder.

Rt. 23: Peckman Brook Bridge:
Sec. 1 Bids rec'd 6-11-59. Awarded to D'Annunzio Bros., Inc. low bidder 6-29-59

Rt. 35: Matawan Creek Bridge (Grid Floor-Bascule Span):
Sec. Plans being prepared.
Sec. LVRR Main Line & LVRR Spur Track at Convery Blvd:
Plans being prepared.

Sec.12A Victory Bridge (Reconstr. of Deck)
Bids rec'd 7-10-59. Awarded to Cornell & Co., low bidder 7-17-59

Rt. 38: Widening 8 Structures:
Sec.1A Bids rec'd 7-8-59. Awarded to Gaskill Construction Co., 7-23-59
& 2A

Rt. 46: Pedestrian Overpass, Hasbrouck Heights:
Sec.15A Bids rec'd 7-21-59. Kuchar Bros., Inc., low bidder

No. 10: Underpass at Salem Street:
Advertised for bids to be received 7-29-59. Scalzetti-Moreira,Inc.low bidder.

No. 11: Lowellandtown Pr.Jte (Eldewplan):
Letting of bids 6-3-59. No bids recd.

No. 17: Cranbury Road Overpass:
Bids recd 7-9-59. Awarded to Clarnal Co., Inc. 7-22-59

No. 21: Two Structures:
Bids recd 7-22-59. Tremblin Contracting Co., low bidder

No. 22: Main Mall Road (Steam): Pedestrian Overpasses at Railway Avenue
and Intermediate Control:

MONTHLY DIVISIONAL REPORT — Month of July, 1959
Division: Bridge
Bureau: Design Section — Sheet #2

Rt. 52: Ocean City-Somers Point (Grid Floor-Ship Channel Bridge & Radio Mast):
Bids rec'd 7-10-59. Awarded to Cornell & Co., 7-17-59

Rt. 71: Culverts at Whale Pond Brook, Poplar Brook & Ocean Port Creek:
Sec. 1 Bids rec'd 7-1-59. Awarded to Brann & Stuart Co. 7-8-59
Sec. 2 Timber Bulkhead at Deal Lake:
Bids to be rec'd 7-30-59

Rt. 73: Rt. 73 over US 130, US 130 over Pennsauken Creek, Ramp A over Rt. 73:
Plans being prepared.

Rt. 78: Six Bridges:
Sec. 2G Reviewing plans prepared by Parsons,Brinckerhoff,Hall & MacDonald.

Rt. 80: Pedestrian Bridge over Ramp K, Denville: Bids rec'd 6-17-59
Sec. 2G Awarded to L. Zimmermen & Sons, low bidder 7-2-59
Sec. 2E Ten Bridges: Awarded 6-11-59, to Conduit & Foundation Corp., low bidder
Sec. 4 Bergen-Passaic Expressway: Reviewing plans by Fay,Spofford & Thorndike.
Sec. 2J 4 Bridges: Reviewing plans prepared by Louis Berger & Associates.
Sec. 4A Bridge over Relocation Rt. 20, Passaic River & Slaughterdam Rd.
Bids rec'd 7-16-59. Awarded to Public Constructors, Inc. 7-21-59

Rt. 95: Overpasses at Broad Ave. & Grand Avenue:
Reviewing plans prepared by Parsons,Brinckerhoff,Hall & MacDonald.

Rt.129: 7 Structures - Delaware River to Scotch Road:
Bids rec'd 7-1-59. Awarded to George M. Brewster & Son, 7-16-59

Rt.168: Culvert at Sta. 112+50 - Black Horse Pike:
Plans being prepared.

Rt.202: Bridges at S. Branch Raritan River, CRR of NJ, LVRR, Samuels Brook,
Pleasant Run and Holland Brook:
Plans being prepared.

Rt.208: 3A Pedestrian O.P. at Ethel Ave: Bids rec'd 7-28-59. Low Bidder: Samuel Braen's Sons
Sec. 4 Bridges at Grandview Ave., Cedar Hill Ave.,
Russell Ave., Summit Ave. & NYS&WRR:
Plans being prepared.
Sec. 4 Six Structures: Reviewing plans prepared by Goodkind & O'Dea.

Rt.287: 23 Structures (Rt.27 to Stelton Rd): Rev. plans by Madigan-Hyland.
14 Structures (East of Stelton Rd.): " " " " "
Sec. 4 12 Structures: Rev. plans by Goodkind & O'Dea.
Sec.1B 9 Bridges: Bids to be rec'd 7-28-59. Low Bidder: Yonkers Construction Co.

Rt.295:
Sec.1D 4 Bridges: Plans being prepared
Sec.2E 7 Structures: Reviewing plans by Sherman, Taylor & Sleeper.
Sec.2F 6 Structures: Reviewing plans by Sherman, Taylor & Sleeper.

Rt.US322 Widening Six Structures: Bids rec'd 7-9-59. Awarded to Brann & Stuart Co.
Sec. 1 Low Bidder

Eastern Section — Sheet #2

4 Bridges: Plans being prepared

6 Structures: Reviewing plans by Sherman, Taylor & Sleeper.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July, 1959

Division: Maintenance and Operation

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Conduit, wiring and lighting layouts furnished Bridge Division, 2 bridges, FAI Rt.80. Consultants' plans, specifications and estimates, Rt.287 from Rt. US1 to Rt. 22, 75% complete, Madigan & Hyland; Bergen-Passaic Expressway, I-80-4, West of Parkway, 10% complete, Fay, Spofford & Thorndike and Bergen-Passaic Expressway, East of Parkway to George Washington Bridge, Rt. I-80 & Rt. I-95, 1% complete, Parsons, Brinckerhoff, Hall & MacDonald.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 6 on 24 hr. notice basis. Routine mechanical and electrical maintenance, all movable bridges, 927 traffic signals, 5 lane control systems and 887 illuminated signs. Replacement of highway lighting, traffic signals, sign equipment damaged and knocked down by traffic. Group relamping signals. Installing electrical equipment removed from Old Manahawkin Bay Bridge at Rt. 50 Tuckahoe River Bridge.

CONSTRUCTION

15 traffic signals under construction, 10 completed. Revisions at 14 existing traffic signals, 7 completed. Rt. 1, Sec. 1A to 7 electrical installations started with wiring at 9 of 30 locations 95+%; contract 6.6% complete. Fluorescent lighting installations completed, 17 locations. Relocating safety gates, roadway lighting, Rt. 13 Lovelandtown Canal Bridge.

DESIGN & INSPECTION

6 signal approvals from Planning & Traffic. 9 new locations estimated. Multiple lighting and replacement signs designed and estimated, 5 locations. Preliminary plans for Rt. US1 & 18 electric signs. Inspection 11 roadway contracts and 1 electrical contract. Preliminary road plans reviewed, conduit and junction box layouts, 4locations. Furnished Bridge Division conduit, wiring and lighting layouts, 1 proposed underpass, Rt. US130.

NEGOTIATIONS

13 traffic signals under negotiation, 10 completed.

CLAIMS

Payments of claims in the amount of $4,179.40 received, 18 claims set up totaling $15,342.75, 10 result of property damage accidents. 33 work orders set up resulting in claims totaling $18,743., 24 result of property damage accidents.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 216 mobile units and 8 base stations. Negotiations for establishing radio base station at Glen Gardner progressing. Installing radio base station, Somers Point Bridge. Completed installation, service, wiring and floodlights, 1 maintenance yard.

wiring and lighting layouts furnished Bridge Division, 2 bridges
[illegible]
-00-4, West of Ivanhoe, 100% complete, Ivy, Dearford & Thorndike and
[illegible]

ATTENDANCE AND OPERATIONS

[illegible]ge in full time operation, 6 on 24 hr. notice basis. During mention-
[illegible]ation, traffic signals, sign equipment damaged and knocked down by traffic.
[illegible] relaying signals. Installing emergency [illegible].
[illegible]in Bay Bridge at Mt. 50 Truckee River Bridge.

[illegible]NTION

[illegible]g traffic signals, 7 completed. Mt. 1, Sec. 1A to 7 electrical inventila-
[illegible]e started with wiring at 5 of 30 locations 95+5; contract 6.64 complete.
[illegible]

[illegible]G INSPECTION

signal approvals from Planning & Traffic. 9 new locations established. Multi-
[illegible]a lighting and replacement signs developed and estimated, 5 locations. Re-
[illegible]
[illegible]rete and 1 electrical contract. Preliminary road plans reviewed, consult
[illegible]al Junction box layouts, 11 locations. Furnished Bridge Division consult,
[illegible]ing and lighting layouts, 1 proposed underpass, Mt. 0813.0.

[illegible]

[illegible]

[illegible] claims in the amount of $4,172.40 received, 18 claims set up total-
[illegible]

[illegible]

[illegible]ing radio base station at Glen Center
[illegible], Sonora Point Bridge. Completed
[illegible], maintenance yard.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 59

Division: Maintenance and Operations

Bureau: Maintenance

BRIDGE SECTION

Completed work on bulkhead at Pennrose Canal on Route 30 at Atlantic City; concrete repairs at Deep Run on Route 79 at Marlboro; installation of new wooden windows in bridge machinery room at Shark River Bridge on Route 35 at Belmar, and cutting concrete encasement from bottom of beams to increase bridge clearance on Route 10 at Prospect Road, Whippany. Contracts awarded for painting four bridges on Route 1 in Trenton and five bridges and steel bulkhead in Newark and for the reconstruction of bridge decks on the Victory Bridge on Route 35 and the bridge on Route 52 over Ship Channel. J. I. Haas Company, Inc. has completed approximately thirty per cent of the work under its contract for painting a portion of the Pulaski Skyway.

MATERIALS SECTION

Completed pavement surface treatment work in four State Forests, on four sections of highway in District 5 and on one section in District 6; shoulder treatment work on two sections of highway in District 5 and on five sections in District 6, and bituminous resurfacing work at the Washington Armory, on three sections of highway in District 2, including the traffic circles at Newark Junction and Little Ferry where slippery conditions which existed had been the cause of numerous complaints, and on one section in District 3.

MAINTENANCE BUILDINGS AND STRUCTURES

Completed work by contract on new roofing of Building No. 1 at Fernwood and reconstruction of roof at Avenel Garage; ordered materials for building addition to and installation of new heating system in Avenel Garage; completed reconstruction of field office at Bogota; completed estimates on new spray booth, heating and air replacement equipment for Sign Building at Fernwood in conjunction with rearrangement of production facilities and prepared specifications for spray booth; continued contract construction at new yard on Route 1 at Sand Hills; started plans for prototype salt bin construction; design continued on plans for prototype masonry maintenance building and cost estimates prepared; studies continued and layout made for proposed maintenance yard site on Route 22 at Somerville; completed estimates for new sprinkler system for Building 17 and fire wall for Building 34 at Fernwood; initiated detailed application to Bureau of Construction for main office heating controls and housing emergency generator; completed site development plans and started filling operations and site work for new maintenance yard on Route 130 at Edgewater Park.

CONSTRUCTION SECTION

Completed miscellaneous construction projects totaling approximately $32,200.00, including drainage projects on Route 23 at Beaver Lake and on Route 50 at Egg Harbor City. Completed institutional construction projects totaling approximately $99,000.00, including the construction of roadways and parking spurs at Bass River State Forest and Delaware Township Armory.

Maintenance and Operations

Maintenance

reconstruction of bridge decks on the Victory Bridge on Route 35 and the bridge on Route 52 over Eagle Channel. A. I. Haas Company, Inc., was awarded the contract for the Tulaski Skyway.

in District 5 and on one section in District 6; shoulder treatment on two sections of Highway in District 5 and on five sections in District 6, in District 2, including the traffic circles at Newark Junction and Eagle Ferry where slippery conditions which existed had been the cause of numerous collisions, and on one section in District 2.

ed work by contract on new roofing of Building No. 1 at Fernwood and reconstruction of roof at Avenel Garage; ordered materials for building addition and installation of new heating system in Avenel Garage; completed recon-

spray booth; continued contract construction at new yard on Route 1 at Sand Gully; started plans for prototype salt bin construction; design continued on for prototype masonry maintenance building and cost estimates prepared; has continued and layout made for proposed maintenance yard site on Route 29 ll for Building 34 at Fernwood; initiated detailed application to Bureau on for main office heating controls and housing emergency generator;

Maintenance construction projects totaling approximately $3,300,000.

MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Maintenance and Operations

Bureau: Maintenance

SNOW REMOVAL

In spite of the recently approved increased rates for snow removal by contract, difficulty is anticipated in obtaining contractors in some locations, and early action is urged on the proposed contractor setup which was submitted under date of July 8, 1959. Department forces have been contacted concerning their equipment and material requirements for the coming winter season.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected a total of six completed construction projects preliminary to acceptance by the Bureau of Maintenance. Three were found to be in satisfactory condition for acceptance, while three were found to require further work or corrective measures prior to acceptance.

LANDSCAPE SECTION

Dapero Tree Experts, Inc. working on third and final application on four contracts for roadside chemical spray treatment. The hot and humid weather caused an infestation of bag worms, which necessitated spraying and actual hand picking. Removed 13 large trees and trimmed numerous others.

PERMITS SECTION

Total of 293 applications processed, including 148 for road openings, 46 for erection of poles, 70 for entrances, and 29 for miscellaneous projects.

SIGNS AND LINES SECTION

Erected new type Green Direction signs at Bridgeton Control on Route 49, Bedminster intersection on Route 206, and at Cologne Road and McKee City Traffic Circle on Route 322 at McKee City; Interstate Construction Information signs at Routes 130 and FAI-295 at Deepwater, Routes 22 and FAI-78 at Pattenburg, and at Routes 206 and FAI-80 at Netcong; detour signs on Route 18 at Old Bridge, and all types of signs at new Jughandles on Route 46 at Huyler Avenue and Clark Street, Hasbrouck Heights, and Main Street, Lodi, and at Johnson and Johnson on Route 1, New Brunswick. Erected 36 Service Connection Notices on proposed new construction projects and distributed Notices Prior to Reconstruction to all adjacent property owners.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Maintenance and Operations
Bureau: of Plant & Equipment

NEW EQUIPMENT

During the month the following equipment was received: One Wayne Street Sweeper, one Vibro-Plus Vibrating Roller, three Circo Steam Cleaners, two LeRoi Tractair Compressors and eight Hydro Hydraulic Tailgate Spreaders.

SNOW PLOW SECTION

In the Snow Plow Section the following operations were completed: three old trucks were stripped for trade-in; six trucks and cars had radiators steam cleaned; four new 2-ton trucks were equipped with snow plow and spreader equipment. The following equipment was repaired and painted: 19 large plows, 13 spreader safety tailgates, 40 spreaders, 25 hydraulic pumps, 20 hydraulic rams, 8 lift frames and 8 truck brace rods.

GENERAL REPAIR SHOPS

A total of 41 cars, trucks and other equipment together with other major operations were completed in the Car and Truck Shop. The Mower Shop repaired and serviced 56 tractor mowers. A total of 101 jobs were completed by the Carburetor and Ignition Shop. Taillights, driving lights and safety lights were repaired and installed on 74 pieces of equipment.

The Diesel Shop completed 47 service and major operations during the month in the Shop and on the road. The Machine Shop completed 257 major and minor jobs during the month. The Heavy Equipment Shop finished 12 major jobs on the road and in the shop. The Carpenter Shop, Tin Shop, and Inspection Section were constantly active with regular and special assignments.

BUILDING MAINTENANCE SECTION.

The following work was finished by this Section at Fernwood Service Station: cleaned and painted fire-escape, installed 5 window fans at Building No. 18; cleaned and serviced burners and boilers in Buildings No. 1,3,7, 20 which were inspected by inspectors from the Hartford Steam Boiler, Inspection and Insurance Company; Air compressors were also inspected by inspectors from this insurance company; Rewiring and re-lamping was completed in Building No. 2.

The work on building to be used by Bureau of Right of Way at Bogota was completed. New plumbing fixtures were installed in the Maintenance Building at Sayreville. A new addition was added at Clinton Garage to include stock room, office, boiler room and new heating system. Six window screens and 2 new screen doors were made for Bridge Houses at Salem and Wildwood for the Bureau of Electrical Operations.

The month the following equipment was received: Two Wayne Sweep-
eaver, one Vibro-flex Vibrating Roller, three Three Piece Diamond, two
otor Tractair Compressors and eight Hydro Hydraulic Tailgate Spreaders.

Snow Plow Section

The Snow Plow Section the following operations were completed: three
trucks were outfitted for trucks-in; six trucks and cars had radiators
equipment. The following equipment was repaired and painted: Ly
Crane, 13 sprocket safety tailgates, 60 spreaders, 25 hydraulic
dumps, 20 hydraulic rams, 8 lift frames and 8 truck brace rods.

Truck and Car Section

A total of 41 cars, trucks and other equipment somewhat with other major
operations were completed in the Car and Truck Shop. The Paint Shop re-
painted and serviced 56 tractor mowers. A total of 103 jobs were comple-
ted by lights were repaired and installed on 71 pieces of equipment.

The Diesel Shop completed 17 service and major overhauls during the month
in the shop and on the road. The Welding Shop completed 217 major and
minor jobs during the month. The Heavy Equipment Shop finished 12 major
jobs on the road and in the shop. The Carpenter Shop, Tin Shop, and In-
strument Section were constantly active with regular and special assignments.

Buildings and Grounds

Repaired screens and boilers in Buildings No. 1, 2, 20 which
were inspected by inspectors from the Hartford Steam Boiler, Inspection and
Insurance Company; Air compressors were also inspected by inspectors from
the same company; Rewiring and re-lamping was completed in Buildings
and Grounds Section

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MONTHLY DIVISIONAL REPORT Month of JULY 1959

Division: PERSONNEL
Bureau:

RECRUITMENT AND TRAINING

During the 1958-59 fiscal year recruitment visits were made to the campuses of some 21 eastern seaboard colleges and universities which offered degrees in Civil Engineering. Interviews were conducted with approximately 175 prospective graduate engineers and about 72 or approximately 41 per cent completed and filed formal application forms as an indication of initial interest. Of this number, approximately 60 followed up the return of the applications with a visit to the Trenton office. Definite offers of employment were made to about 45 applicants after mutual interest had been established. These offers included not only campus recruitments but also leads which developed from referrals of various kinds of mail and telephone inquiries. Some of these offers were to experienced engineers. Of the offers made, acceptances were received from some 29 men. Of this number, five have completed the training program and are now on regular work assignments. Fifteen are now in the training program and five most recently hired have been placed directly on work assignments and their training deferred until those now in the training program are available for work assignments. Three are now on leave after partial completion of the training program, two on military leave, and one on leave because of injuries received in an automobile accident off the job. Only one resignation of those hired during the 58-59 fiscal year has occurred.

Nineteen of the men hired were 1959 graduates with only part-time or summer experience. The remaining ten had some work experience ranging from one to as much as seven or eight years. All of these men were employed as Assistant Engineer, Highway (Trainees) at a salary of $4988 per year.

SAFETY, PLANT SECURITY AND DISPENSARY

Safety - A program of checking all equipment in the field to insure the working condition of brakes, steering, lights, windshield wipers, as well as to check the condition of front-wheel tires of all vehicles, is a project for next month. Special attention is being focused on all construction projects performed for the Highway Department as well as contractors' projects being carried on under permit.

The first-aid training course for supervisory personnel and their assistants, especially in the field forces, is planned for the near future.

Security - A program whereby the Fernwood Service Station grounds and buildings will be patrolled during the daytime work hours, as well as a 24-hour tour of the buildings and grounds on holidays, weekends, or any other time when the plant may be closed, is about ready to be put into effect. We have been assured that should such a program be effectuated, the insurance rates

for the Fernwood group of buildings will be substantially reduced. The Supervisor of Insurance at the State House has been notified of this plan.

In cooperation with the Chief of the Equipment Bureau, a system of check-out for employees wishing to remove their personal tools and belongings from the Equipment Bureau shops, and other buildings, has been developed and put into effect. It is believed that this practice will greatly reduce pilfering.

As soon as an effective plan can be worked out, it is intended to place in operation a spot-check of all equipment moving out of the Fernwood Service Station grounds.

Dispensary - This unit is functioning normally. There is, however, a tentative program being reviewed by our medical director pertaining to the practicability of administering tetanus toxoid injections as a prophylaxis against tetanus infection to the shop and field employees. This is not a very costly operation. It will, however, require further study to determine the complete cost of the material and injection. This project could be conducted by our nurse under the direction of the medical director. Should it be decided to place this program into effect, it will eventually save the department considerable money by reducing loss of time and medical expenses which result from infections suffered by employees.

IN REPLY PLEASE REFER TO

Monthly Reports
Division of Planning,
Research, Soils and
Tests.

State of New Jersey

STATE HIGHWAY DEPARTMENT

DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

August 3rd, 1959

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the month of July 1959.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Neil MacDougall
Director and Chief Engineer
Division Planning, Research, Soils and Tests

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MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

HIGHWAY PLANNING SURVEY SECTION

During this month representatives of the Automotive Safety Foundation requested assistance by this Bureau in preparing data for their studies.

Road Reinventory

Field work consisting of new developments and reruns for Middlesex County were under way during this period.

"500" Series County Road Numbers

During this month the County Engineers' Committee completed the review of maps and descriptions this Bureau submitted to them. There findings were received and revisions are now being made.

Road Life

The 1958 State Mileage Reports were completed and submitted to the Bureau of Public Roads.

Mapping

Regular assignments of mapping on the General Highway Series maps and the drafting and varityping of special reports and forms were under way.

Local Road and Statistical Studies

Current reports on Statistical Studies were completed and submitted to the Bureau of Public Roads during the month.

National Defense Bridge Study

Tabulation of the listing of bridges on designated defense routes on State Highways has been completed and is now being reproduced.

Newark Area Transportation Study

Approval for the release of the report on this study was given by Commissioner Palmer, during this period. This completes the work under this study.

Penn-Jersey Transportation Study

Attended joint meeting of the Policy and Executive Committees on July 10, 1959, and Mr. Gittens has been appointed as Deputy Executive Director of the Study and Director, Division of Transportation. Interviewed at the meeting were Allen Sloane for Executive Assistant, John H. Geiger for Chief, Land Development

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

This month represents of the Automotive Safety Foundation requested
ures by this Bureau in preparing data for their studies.

Field work consisting of new developments and revisions for Middlesex County were
ader way during this period.

Berlin County Road Markers

During this month the County Engineer's Committee completed the review of recommendations this Bureau submitted to them. These findings were received and revisions are now being made.

Accident Studies

Twenty-three accident reports were completed and submitted to the Bureau of .

Traffic Counts

Counting and verifying of special reports and forms were under way.

Special Road and Intersection Surveys

Surveys on Intersectional Studies were completed and submitted to the Bureau of Public Roads during the month.

Traffic Census Maps Completed

Maps has been completed and is now being reproduced.

Transportation Study

Attended joint meeting of the Policy and Executive Committees on July 10, 1950, . Gibbens has been appointed as Deputy Executive Director of the County , Division of Transportation. Interviews at the meeting were Allen Hauer, John H. Geiger for Christ, Land Development

Section, Henry Bruch for Chief, Population and Community Structure Section and Britton Harris for Chief Economics and Finance. Final disposition of the employment of the above will be made in our next report.

The Organization Chart for the Study, dated July 1, 1959, has been submitted and approved. Copy is attached.

Cronaflex reproductions of the air photo are about complete. A procedure for their availability and distribution to the various participants in the study and others is to be worked out.

Attended meeting of the Technical Committee on July 31, 1959. A legal decision received from Pennsylvania Department of Highways, stated in accordance with our contract with Aero Service Corporation all maps may be reproduced and circulated as desired. The checking work on the air photos is the responsibility of the Technical Committee. Two sub-committees were appointed as follows:

(1). To review an existing contract of the city of Philadelphia with the Sanborn Map Company to determine the acceptance and adaptability of this work to the Penn-Jersey Study. This work basically covers, the land use and development phase.

(2). A subcommittee for the determination of a reasonable and efficient sample size for the Internal Survey phase of the Study was appointed. The percentage of sample to be selected must not fall below a minimum to be statistically sound.

The subject of the inclusion of obtaining weekend data in the external survey and of the obtaining of preliminary 72 hour traffic volume counts at the proposed locations of the external stations was discussed and held over for further consideration.

HIGHWAY USE SURVEY SECTION

Field

In addition to the regular programmed Machine and Manual traffic counts, 29 annual loadometer operations and two 4 Origin and Destination operations were completed this month.

Office

In addition to the normal office functions of processing field traffic counts, the necessary office checks on loadometer operations were made as the data was received.

tion. Navy Yard for Trial, Demolition and Community Structures section
tion Hamlin for Trial Bombing and Mining. Final disposition of
e employment of the above will be made in our next report.

e organization Chart for the Navy, dated July 1, 1943, has been submitted
and approved. Copy is attached.

ve two reports on the air photos we have sent samples. A progress for
ir availability and distribution to the various participants in the study
is to be worked out.

progress meeting of the Technical Committee on July 21, 1943. A paper entitled
"Effect from Bombing Investigations of Highways, Bridges in accordance with
directives" was received. The drafting room on the air photos is the responsibility
of the Technical Committee. Two sub-committees were appointed as follows:

(1). To review an existing contract of the city of Philadelphia with the
Johns Hop Company to determine the acceptance and adaptability of this work
to the Penn-Jersey study. This work basically covers, the land use and
development phase.

(2). A subcommittee for the determination of a reasonable and efficient
sample size for the Industrial Survey phase of the Study was appointed. The
assumptions of samples to be selected must not fall below a minimum to be
[illegible]

The subject of the inclusion of obtaining weekend data in the external survey
of the obtaining of peak hour. To hour traffic volume counts at the
selected locations of the external stations was discussed and held over for
further consideration.

operations and two 4 origin and Destination operations were
the month.

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MONTHLY DIVISIONAL REPORT Month of July 19 59

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

TRAFFIC DESIGN AND RESEARCH SECTION

During this month the office work time of the Section was about evenly divided between research into various aspects of traffic signal timing; and the review and estimation of traffic volumes for new construction. Field work at the Section consisted of operation recorder studies at Newark junction.

HIGHWAY TRAFFIC OPERATIONS SECTION

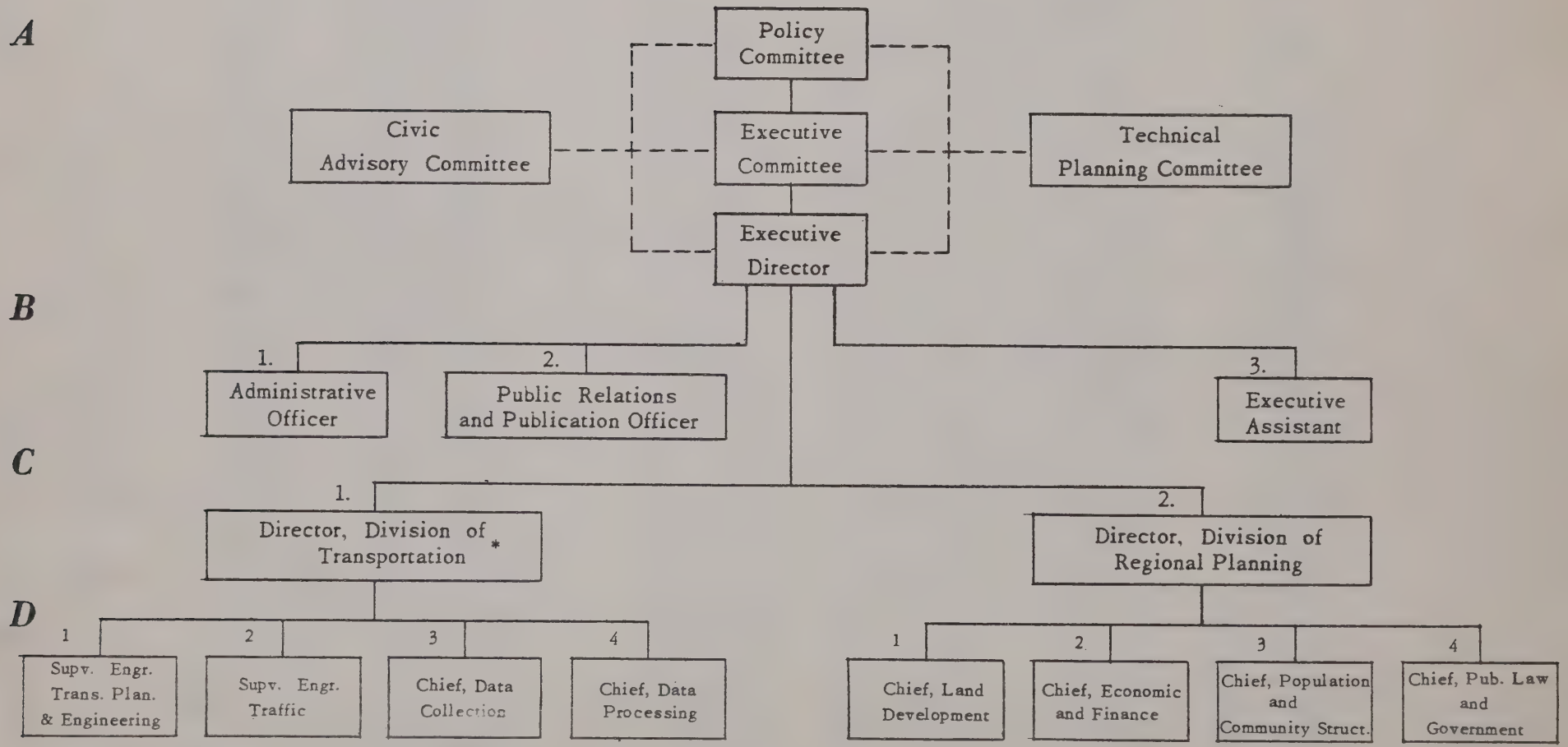
During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals, has received and processed miscellaneous traffic investigations and has checked the timing and operation of signalized intersections.

TRAFFIC SAFETY CONTROL AND REGULATIONS SECTION

The assignments under way by this Section consisted of operating radar speed meter for speed zone studies; laying out and processing no passing zone surveys; making traffic investigations and parking studies; preparing regulations and evaluating riparian grant applications. Also prepared charts based on accident data and analysis of highway legislation for Bureau of Public Roads.

PENN - JERSEY TRANSPORTATION STUDY

ORGANIZATION CHART



* Designated — Deputy Executive Director

July 1, 1959

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, submitted recommendation for pavements and shoulders for planned revisions of toll bridge area, Route 22, Phillipsburg. Also furnished details for tie bolts approved for use in future concrete pavements.

Reported on crack-width investigations in connection with bituminous pavement on Palisades Interstate Parkway. Took gauge-plug measurements on (a) Route 130, Deans, (b) Route 130, Hightstown, continuously-reinforced sections, (c) Route 130, Yardville-Robbinsville, (d) Route 130, Westville, (e) Route 206, Flemington, and (f) Lower Ferry Road, Trenton--for continuing study of pavements and experimental joints. Completed faulting survey on Haddon Avenue, Westmont.

BRIDGES

At request of L. C. Petersen, installed measuring points in five prestressed concrete bridges (three on Route 22, Clinton, and two on F.A.I. 78, Bloomsbury) --the purpose being to acquire certain important information, currently not available, concerning the behavior of bridges of this type. Also installed points in two steel girder bridges on F.A.I. 78, Bloomsbury--to determine the stability of the abutments.

Took measurements and reported on the following bridges: (a) Beach Thorofare, Route 30, Atlantic City, (b) Shark River, Route 35, Belmar, (c) Shrewsbury River, Route 36, Atlantic Highlands, (d) Inland Waterway, Lovelandtown, (e) Cheesequake Creek, Route 35, and (f) Liberty Avenue, Route 22, Union. A continuing and serious inward movement of the abutments has been occurring in connection with the Shark River Bridge, and also the bridge at Lovelandtown. Various functional difficulties have been experienced with the others.

Inspected and photographed (a) Magnolia Avenue Bridge, Route 1, Elizabeth, (b) Newark Viaduct, Route 1, and (c) 12th Street Viaduct, Jersey City. Pictures and results of inspection were submitted to Bridge Division. The abutments of the Magnolia Avenue Bridge are now in very poor condition. This also applies to the 1949 concrete resurfacing on the Newark Viaduct.

MISCELLANEOUS

For the Bureau of Public Roads, prepared a report on our experience with welded wire fabric in bituminous surfacing materials. Also prepared a summary of the results, thus far, of the AASHO Road Test.

Planning, Research, Soils and Tests
Engineering Research

collaboration with Soils Bureau, submitted recommendation for revision to
specifications for planned revisions of toll bridge area, Route 22, Milling-
ton. Also furnished details for tie bolts approved for use in Bridge
.

orted on crack-width investigations in connection with bituminous pave-
on Pulaski Skyway. Took cross-slope measurements on (a)
Route 139, Yardville-Hobsonville, (d) Route 130, Westville, (e) Route
, Flemington, and (f) Lower Ferry Road, Trenton--for continuing study of
ures and experimental joints. Completed fault-ing survey on Meadow
, Secaucus.

t of L. C. Peterson, Installed measuring points in five prestressed
te bridges (three on Route 22, Clinton, and two on T.A.I. 73, Bloomsbury)
ville, concerning the behavior of bridges of this type. Also installed
in two steel girder bridges on T.A.I. 78, Bloomsbury--to determine
ility of the abutments.

k measurements and reported on the following bridges: (a) Beach Thoroughfare,
s 30, Atlantic City, (b) Shark River, Route 35, Belmar, (c) Shrewsbury
, Route 71, Allaire, (d) Lower Freehold, Sproul Junction,
e) Pleasantville Creek, Route 35, and (f) Liberty Avenue, Route 22, Union.
in connection with the Shark River Bridge, and also the bridge at Loveladtown.
Technical Liaison Duty

ected and photographed (a) Hamolia Avenue Bridge, Route 1, Elizabeth,
Viaduct, Route 1, and (c) 12th Street Viaduct, Jersey City.
and results of inspection were submitted to Bridge Division. The
ts of the Hamolia Avenue bridge are now in very poor condition.
plies to the 1919 concrete reservoir on the Newark Viaduct.

Miscellaneous

on the Passaic River. Assisted a group of engineering students
Newark College of Engineering, Glen Ridge, N. J. Gave lectures
ering to the Junior Class, Civil Engineering Department, Newark

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MONTHLY DIVISIONAL REPORT Month of July 19 59

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

SUBSURFACE EXPLORATION

Seventy-eight wash-rig borings were made by State forces during July. The majority of these were for design information for FAI Routes 78, 95 and 287.

While casing was being pulled from one of the holes on FAI Rt. 95, the "Rouchē in-Place Consolidometer" was demonstrated. The French developed technique for obtaining consolidation data directly in the field could, if successful, greatly reduce the time presently consumed in lengthy laboratory tests. Mr. Serge Steuerman, soils engineer for Parsons, Brinckerhoff, Hall & Mac Donald, is attempting to evaluate the method by comparing the results with those of laboratory consolidation tests performed on samples taken from the immediate vicinity.

CONSTRUCTION

Construction has started on Rt. 29A from Byram to Raven Rock to complete the missing link between Frenchtown and Stockton.

The large cut at the northern end of the project in the vicinity of Station 450+00 is presently being opened. It appears as though an unanticipated soil overburden and loosely jointed bed rock may require a revision of the one-half to one slope in at least a part of the seventy-five foot deep cut. It is still too early to make definite recommendations. Sufficient right-of-way exists to allow considerable flattening of the slope in the upper half of the cut.

ENGINEERING

In response to the inquires of stone producers who are complaining that they cannot maintain a level of production of screenings high enough to supply the demand placed upon them for Quarry-Processed Subbase, this bureau is considering the use of bank run sand to replace the material passing the number four sieve.

It is felt that sand fines of the proper gradation will not alter the performance of the material so long as the portion retained on the number four sieve is crushed stone or crushed gravel meeting all hardness requirements of stone.

This type of material is now being used for base course and bituminous stabilized base course as well as for subbase.

Twenty-eight man-rig cornices were made by Shafe crews during July. The
of these were for design information for FAI Routes 78, 86 and 287.

e In-Place Consolidometer" was demonstrated. The French de sloped technique
determination de te directly in the field county, it proved ful, nearly
ce the time presently consumed in lengthy laboratory tests. Mr. Serge
eumann, soils engineer for Parsons, Brinckerhoff, Hall & MacDonald, is at-
empting to evaluate the method by comparing the results with those of laboratory
olidation tests performed on samples taken from the immediate vicinity.

TION

Construction has started on Rt. 28A from Byram to Haven Road to con Jate the
ay link between Trumbull town and Shawsheen.

The large cut at the northern end of the project in the vicinity of Junction
0 is presently being opened. It appears as though an unanticipated soil over-
e definite recommendations. Sufficient right-of-way exists to allow
reasible flattening of the slope in the upper half of the cut.

t maintain a level or production of personnel high enough to supply the
d placed upon them for quarry-processed surfaces, this person is considering
o of work run sand to replace the material passing the number four sieve.

e material so I as to use portion retained on the Number four sieve
d stone or crushed gravel meeting all requirements of stone.

is type of material is now being used for base course and bituminous
ed base course as well as for subbase.

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MONTHLY DIVISIONAL REPORT Month of July 19 59.

Division: Planning, Research, Soils and Tests

Bureau: Testing and Materials

NEW MATERIALS

One sample of Fine Aggregate Calcite, one sample of Sheet Aluminum and two samples of Blast Furnace Slag were received for quality tests and eight pieces of Asbestos Cement Perforated Pipe were received for Flexural Strength and Deflection Tests. Various tests were started on a sample of reclaimed rubber known as "Ramflex" from the U.S. Rubber Reclaiming Co. Inc., in order to evaluate it for use in hot mix bituminous concrete work. An investigation of a new product for joint sealing known as Expanda-Joint produced by the Stabest Corporation is proceeding with bond tests.

MATERIALS' DEVELOPMENT

Marshall tests were performed on materials from various jobs for acceptance and formula recommendation. An immersion-compression check series was run on a sample of Mineral Filler from the Summit plant of Houdaille Construction Materials, Inc. Bitumen (Sand Asphalt with and without the addition of "Pave" Additive) was recovered from Rt. 29, Maint. The one-year compression tests have been completed under Laboratory Investigation 1958-5 covering the relative merits of an admixture used as an air entraining agent and plasticizer. Three runs using the Atlas Weather-Ometer were fully completed for Laboratory Investigations 1959-2, -3 and -8 on Aluminum Paint, Cro-Mit Paint and Barrier Plastic Baffles, respectively. Yellow Traffic Paint Test Lines were applied in duplicate on concrete and asphalt pavements on Rt. 130, near Bordentown, in the development of a satisfactory N.J.S.H.D. Specification for Yellow Traffic Paint. The Second Monthly Evaluations were made of the Experimental Traffic Paint Test Lines applied on concrete and asphalt on Rt. 130 at Woodbury Creek; and on asphalt at Atco and on concrete at Kresson.

PERFORMANCE TESTING AND INSPECTION

A Laboratory representative witnessed the sampling of 10 - 15,000 foot reels of 5/16" Stress-Relieved Wire Strand for use in prestressed concrete for the Kansas State Highway Commission. One project was inspected prior to expiration of the normal Maintenance Bond. Two asphalt plants were inspected to determine if they met the Specification requirements. An inspection of bituminous concrete was made on Rt. 17 Sec. 1 and Rt. 21. Requests were received for inspection of two concrete batch plants, two bituminous sand plants, and a stone quarry for classification of their stone for use in bituminous concrete. An on-the-spot check made on cores cut on Rt. 29 Sec. 11-B.

PERSONNEL

Mr. Ciceron A. Guerrero from the Phillipines through the International Co-operation Administration was a visitor to our Laboratory. A Senior Engineer, Laboratory was given 6-weeks' training in the Non-Bituminous Testing Section in preparation of his assuming charge of that section August 1, 1959 upon the retirement of the former head.

SAMPLES RECEIVED

During this month, 3011 samples were received compared to 2788 samples received for the corresponding month of last year, an increase of 7.9%.

JCR/AM. 8-3-59.

sion: Planning, Research, Soils and Tests

sion: Testing and Materials

MAINTENANCE

...le of Fine Aggregate Soluble, one sample of Short Fibrous and two ...
...ecimens submitted for tests were received for Mineral Strength and ...
...n Tests. Various tests were started on a sample of reclaimed rubber ...
... ...
... it for use in hot mix skid-proof concrete work. An investigation of ...
... object for joint sealing known as Expando-Joint produced by the Asphalt ...
...tion is proceeding with bond tests.

...

...14 tests were performed on materials from various jobs for acceptance ...
...d formula recommendation. An immersion-compression check series was run on ...
...ple of Mineral Filler from the Summit plant of Hounsfille Constructions ...
...ila, Inc. Bitumen (Cond Asphalt with and without the addition of "Lava" ...
...ctive) was recovered from Mx. 2, maint. The one-year compression tests ...
...ve been completed under Laboratory Investigation 1938-S covering the relative ...
...rits of an admixture used as an air entraining agent and Lastobitor. Three ...
...ating the Atlas Bonbor-Binder were fully completed for Laboratory In-...
...vestigations I.L.-S, -3 and -6 on Aluminum Paint, Bo-Mit Paint and Bitumen ...
...ic Barrier, respectively. Yellow Traffic Paint Test Lines were applied ...
...plied to concrete and asphalt pavements on Mx. 13, many observations, ...
...revolvement of a satisfactory M.J.H.W. certification for Yellow Traffic ...
... Test Lines applied on concrete and asphalt on Mx. 130 at Woodbury Circle.

...

...ESTING AND INSPECTION

...ratory in connection with the sampling of 10 - 12,500 foot reels of ...
...Chrome-Relieved Wire Strand for use in prestressed concrete for the Lincoln ...
...Highway Commission. The project was inspected prior to erection of the ...
...Maintenance Bond. Two asphalt plants were inspected to determine if ...
...s on Mx. 17 Sec. I and Mx. 21. Reports were received for inspection of ...
...concrete bridge planks, two bituminous curb planks, and a stone quarry for ...
...certification of their stone for use in bituminous concrete. Non-skid-coat ...
...work made on cores cut on Mx. 29 Sec. II-B.

...

...

...ecision A. Guerrero from the Mobil Oil Lines through the International Co-...
... was given 6-weeks' training in the Non-Bituminous Testing Section ...
...

...

...

...2011 men ... were received compared to 2788 men in re-...
...ending month of last year, an increase of 7.9 .

Form #AD-39

MONTHLY DIVISIONAL REPORT

Month of July 19 59

Division: Design & Construction

Bureau: Road Construction

ROUTE (1953)	(1927)	SECTION	LOCATION	PERCENTAGE COMPLETED July 1st.	Aug. 1st.59
1 & 9		1 & 2	Ramp Revisions, Grading, Paving and Bridges, Newark	12%	19%
3		1	8th St. to Route 20, Resurfacing in Town of Secaucus	0%	13%
U.S. 9		2	Cape May Canal Bridge and Approaches	0%	6%
U.S. 9		3	Drainage Improvements	16%	25%
15		1	Burnt Meadow Brook, Grading & Paving Bridge Approaches	0%	4%
US 46	6	7F&1F	Westminster Circle to Burton Avenue	78%	88%
US 46	6	9-D	Union Blvd. to Valley Road, Widening & Resurfacing	35%	70%
17		1	Belleville Turnpike to Rutherford Avenue, Kearny	28%	99%
18		2	Clifton Avenue to New Jersey Turnpike	28%	37%
18		3	Pine Street to 800' E. of Spring Valley Road	40%	57%
18		4	Old Bridge Circle to Pine Street	36%	57%
20		1	Intersection Improvement at Paterson	0%	8%
20	3	3C&4F	Crooks Ave. to Broadway; Island Closing	61%	79%
21		1-B	Roosevelt Avenue to Highfield Lane	54%	59%
23		1	Peckman Brook, Paving Bridge Approaches	0%	7%
23		15-A	Steenykill Lake to Clove Road	29%	42%
US 1		1	Lake Drive to N. J. Motor Vehicle Inspection Station	31%	52%
US 1	26	2	Alexander Road to Motor Vehicle Station	66%	71%
US 1	26	3	Alexander Road to State Police Barracks	51%	68%
US 1	26	3C&4E	State Police Barracks to Stouts Lane	92%	97%
US 1	26	4D&5C	Stout's Lane to Cozzens Lane	63%	71%
4 Pkwy.		4-N	Ramp and Deceleration Lanes at Chestnut Street	0%	2%
29		1	From Raven Rock to Byram, Grading and Paving	3%	13%
US 30		1	Taunton Road to Wellington Ave., Widening & Repaving	55%	80%
US 30		2	Wellington Ave. to Bell Ave., Widening & Repaving	62%	82%
US 30		3-A	Channelized Intersection at Clements Bridge Road	20%	29%
33		1	Drainage Improvements at Winslow Avenue, Mercerville	0%	34%
S-40		1 &			
US 322		2	Decatur Avenue Drainage, Pleasantville	0%	13%
S-40		5-D	Hilliard to Ship Bottom; Grading & Paving	82%	88%
US 322	42	6-C	Route 50 to McKee City, Dualization	78%	95%
71		1	Br. & Approaches at Poplar Brook, Whale Pond Brook, Etc.	0%	2%
77	46	8-A	From Station 22+0 to Route 49, Bridgeton	40%	70%
80		2-E	Rt. U.S. 46 to Landing Rd. Bridges & Incidental Paving	0%	1%
80		2-G	Ramps at Mt. Hope-Dover Road Interchange	0%	5%
80-S		1 &			
295		2-G	U.S. 130 to Browning Road & Rt. 80S Interchange to Copley Rd.	0%	4%
80	101	2-C	Howard Blvd. to Rt. 15; Grading, Paving, Bridges	69%	73%
	101	2-D	Bridge over DL & W Railroad	83%	95%
78	102	2-B	Still Valley to Central R.R. of New Jersey	60%	76%
130		10A,11,12A	Drainage Improvement, Burlington, Florence, Bordentown	0%	2%
169		1	Constable Hook to Point Breeze	0%	0.23%
287	104	1A&2A	W. & E. Viaduct Crossing of Raritan River	74%	76%
287		1C&2B	Weston Canal Rd. to River Rd. Interchange, Grading, Paving&Br.	0%	2%
295	108	1-B	Hollywood Avenue to New Jersey Tornpike	66%	76%
295		1-C	Browning Lane to Broadway, Grading, Paving & Bridges	6%	15%
US 202		2	Beechwood Drive to Huyler Road, Dualization	65%	83%
US 202		3	Huyler Road to 700' E. of C.R.R. of N. J.	58%	78%
US 202		4	700' E. of C.R.R. of N.J. to Somerville Traffic Circle	55%	75%
US 78		2-E	Central R.R. of N. J. to Mulhockaway Creek	29%	38%

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MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Design & Construction

Bureau: Road Construction

ROUTE (1953)(1927)	SECTION	LOCATION	PERCENTAGE COMPLETED July 1st.	Aug. 1st.59
208	1	1300' W. of Grandview Ave. to 1000' W. of Helena Ave.	54%	77%
208	2	1000' W. of Helena Avenue to Colonial Road	44%	67%
208	3	Goffle Road to 1300' W. of Grandview Avenue	50%	59%
		N. J. State Teachers College, Montclair, Contract #2	72%	82%
		Palisades Interstate Parkway, N. J. Sections 1U & 2S from Fort Lee Bridge Plaza to N. Y. State Line, Planting	50%	52%

CONTRACT AWARDED DURING JUNE

Route 169, Section 1 Paving, Grading, Bridges and Oil Line Relocation from Constable Hook to Point Breeze. Awarded to J. F. Chapman & Son, Inc. on June 29, 1959.

CONTRACTS AWARDED DURING JULY

Route 80, Section 2-G, Ramps at Mt. Hope-Dover Road Interchange and Pedestrian Overpass. Awarded to L. Zimmerman & Sons, Inc. on July 2, 1959.

Route U.S. 130(1953) Sections 10A, 11A & 12A, Drainage Improvements. Awarded to J. Vinch & Sons on July 2, 1959.

Route 71, Section 1, Bridge and Approaches at Poplar Brook, Whale Pond Brook and Oceanport Creek. Awarded to Brann & Stuart Company on July 8, 1959.

Route 17(1953) Section 2-A, Farview Avenue Ramp, Borough of Paramus. Awarded to Samuel Braen's Sons(Hawthorne Division) on July 16, 1959.

Route 129 Freeway, Section 1A, from Delaware River Bridge to Scotch Road, and Route 29(1953) Section 15-A, from Wilburtha Road to Scudders Falls, Grading, Paving and Bridges. Awarded to Geo. M. Brewster & Son, Inc. on July 16, 1959.

Route 80, Section 4-A, Bridge over Relocated Route 20, Passaic River and Slaughterdam Road. Awarded to Public Constructors, Inc. on July 21, 1959,

Route 17, Section 3, Underpass at Century Road, Borough of Paramus. Awarded to The Glenwal Company, Inc. on July 23, 1959.

Route 38, Sections 1A and 2A, from Church Road to Marter Avenue. Awarded to Gaskill Construction Company, Inc. on July 23, 1959.

Route 130 and Route 73, Detour Road for Haddonfield Road Grade Separation. Awarded to Public Constructors, Inc. on July 23, 1959.

Route U.S. 22(1953) Sections 13-A & 14-A; Route 4(1953), Section 2-A and Route U.S. 46(1953) Section 15-A, Pedestrian Overpasses and Underpass. Awarded to Kuchar Brothers on July 28, 1959.

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MONTHLY DIVISIONAL REPORT Month of July 1959

Division: Design & Construction
Bureau: Road Construction

Route U.S. 1 & 9(1953) Section 3-A, from City Line of Rahway to Lawrence Street. Awarded to Ralph Barone & Sons, Inc. on July 28, 1959.

Route U.S. 322, Section 1, from Weymouth Road to Route 50. Awarded to Brann & Stuart Company on July 28, 1959.

Route 10, Section 4-A, from Livingston Traffic Circle to Whippany-Troy Hills Road. Awarded to Samuel Braen's Sons (Hawthorne Division) on July 28, 1959.

CONTRACTS ACCEPTED DURING JULY

Route 101, Section 2-A, from Mount Hope-Rockaway Road to Route U.S. 46, Grading, Paving and Bridges. Accepted July 8, 1959.

Route 80, Section 5-A, from Railroad Avenue to Dunn Street, Demolition of Buildings, Contract No. 1. Accepted July 21, 1959.

Route 80, Section 5-B, Dunn Street to Queen Anne Road, Demolition of Buildings, Contract No. 2. Accepted July 21, 1959.

Route 80, Section 5-C, Queen Anne Road to Teaneck Road, Demolition of Buildings, Contract No. 3. Accepted July 21, 1959.

Route 108, Section 2-B, from Station 118+0 to Station 220+0 in Haddon Heights. Accepted July 31, 1959.

GE NERAL NOTES

During the past month five (5) projects were accepted and thirteen (13) were awarded.

Bids have been received during July, but this office has not been advised of awards on projects amounting to approximately $17,500,000.

As of August 1, 1959, the active contracts amount to $78,100,000, included in 60 projects, which are being inspected by 179 men.

During the past month at least six projects which were decidedly behind schedule have been advised to increase working hours and the amount of equipment on the job so there would be no cause for applying liquidated damages. This has led to considerable improvement, especially on Route U.S. 46, Route U.S. 30, and Route 77 in Bridgeton.

Allen C. Ely

Allen C. Ely
Supervising Engineer, Bureau of Road Construction

Route U.S. 1 & 9 (1952) Section 3-A, from City Line of Albany to Interchange with Interstate Route 87, on July 28, 1952.

Section 3-B, 3.12, Bridge No. 1 from Watervliet Road to Route 9. Awarded to Cement Products Company on July 21, 1952.

Section 4-A, Section 1 from Livingston Traffic Circle to Delaware-Troy Limits. Awarded to General Bridge Corp. (Hartshorne Division) on July 21, 1952.

Section 10L, Section 2-A, from Mount Ivy-Pleasantry Road to Route U.S. 9, Croton, and Bridge. Accepted July 8, 1952.

Section 8), Section 5-A, from Railroad Avenue to Dunn Street, Demolition of Buildings, etc. Accepted July 21, 1952.

Section C-2, Dunn Street to Green Acre Road, Demolition of Buildings, etc. Accepted July 21, 1952.

Section C-2, Green Lane Road to Tenneck Road, Demolition of Buildings, etc. Accepted July 21, 1952.

Section 2-B, from Station 112+0 to Station 220+0 in Newton Hollow, July 21, 1952.

During the past month five (5) projects were accepted and thirteen (13) were

have been received during July, but this office has not been advised of awards on projects amounting to approximately $17,500,000.

of August 1, 1952, the active contracts amount to $7,300,000, included in projects which are being inspected by 179 men.

been awarded to Tenneco Working Corp and the amount of equipment on the to there would be no cause for applying liquidated damages. This has led considerable improvement, especially on Route U.S. 40, Route U.S. 9, and 77 in Averyon.

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MONTHLY DIVISIONAL REPORT Month of JULY 19 59

Division: Roads, Design & Construction
Bureau: Location & Design

FEDERAL AID

Programming of NJ-I-78-2(1913 Rt. I-78 from mulhockaway Creek to Rt. US-22 Clinton Farms (ulility constr.);NJ-I-80-4(9)57 Rt. I-80 from Glover Ave. to Beckwith Ave. City of Paterson (utility constr.); NJ-I-80-5(7)65 Rt. I-80 Polifly Road - Hackensack, to Hackensack River (utility constr.); NJ-I-287-1(10)6 Rt. I-287 River Road Interchange to Stelton Rd. (constr.); NJ-I-295-1(21)25 Rt. I-295 from Rt. US-130 at Verga to Rt. 42 Frwy. I-80S (constr.); U-203(7) Rt. 129 Scotch Rd., Ewing Twp. east to Rt. US-206 Lawrence Twp. (utility constr.); U-20(4) Rt. 35 Smith St. Perth Amboy north to N.J. Turnpike Woodbridge,(R.W) U-95 (42) Rt. US-1 Milltown Road overpass (R/W); U-183(7) Rt. 73 South Branch of Pennsauken Creek to Rt. 38 (R/W); U-20(3) Rt. 35 Smith St. Perth Amboy north to N.J. Turnpike, Woodbridge (constr.); U-95 (43) Rt. US-1 Milltown Road overpass (constr.); U-183 (8) Rt. 73 South Branch of Pennsauken Creek to Rt. 38 (constr.); FG-95(44) Rt. US-1 Penn. RR Kingston Br. So. Brunswick Twp. (utility constr.)

OFFICE ENGINEER

Processing Plans and Specifications for Route US 1 (1953), Sec. 6A, Milltown Road Interchange; Rt. US 1, Sec. 8 and Rt. US 9, Sec. 4, P.R.R. to Plainfield Ave and from Ernston Road to Perrines Underpass; Route 35, Sec. 12A, Convery Boulevard; Route 73, Sec. 2A, Rt. US 130, to Route 38; Route US 130,Sec. 8A and 9A, Turnarounds and Island Closings; Route US 1 & 9 Secs. 6A and 7A, Tonnelle Ave. Resurfacing.

INTERSTATE

I-80-1 Netcong to Columbia - preliminary study and cost benefit analysis completed to enable selection of line; I-80-2 Denville, 95% complete, plans for construction; I-80-3 Denville to Wayne, Preliminary studies 95% complete, review made by Bur. Public Roads. Revisions based on review completed; I-80-4 Wayne to Garden State Parkway - additional studies of Rt. 23-I-80 Interchange made and reviewed by Bur. Public Roads. Still unsettled on magnitude and participation; I-80-5 - Plans for 1959-60 Program progressing rapidly, 50% complete. I-95-1 Teaneck Road to Fort Lee Plaza - all studies of plans reviewed by Bur. Public Roads. Revisions, etc. underway. First contract 95% complete in this section; right-of-way plans on this section 60% complete and in Trenton as well as programmed; I-78, Sec. 5 - Berkeley Heights to Newark Airport. Airport interchange studies complete. Agreement reached with all agencies concerning shapes and magnitude.; Re: Southern District - no completed plans submitted during month of July.

Design & Construction

Transition & Design

MISCELLANEOUS

Route 21, Sec. 5 - Newark-Belleville. Further studies and cost analysis complete and ready for decision; Route 24 Freeway - Mendham to Springfield. Preliminary studies complete. Studies at Bur. Public Roads for review and comment; Route 3 Secaucus - further cost analysis and report made and submitted for decision on final line to be used for public hearing; Construction and right-of-way plans on Rt. US 130, Haddonfield Road. Grade separation submitted for precessing.; Construction and right-of-way plans on Rt. 12, Baptistown to Frenchtown. Creeper Lanes submitted for processing.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY 19 59

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 257 parcels, of which 30 were revisions.

GENERAL PROPERTY PARCEL MAPS

10 General Property Parcel Maps were approved as follows:

Route U.S. 1 & 9, Section 6	Tonnelle Avenue Circle to Route 3. 5 Sheets. Negotiations authorized, set up $250,000.
Route U.S. 1 & 9, Section 7	Rt. 3 to Fairview Avenue. 7 Sheets. Negotiations authorized, set up $28,000.
Route 10 (1953), Section 2	Millbrook Avenue to Tabor Road. Negotiations authorized, set up $58,000.
Route 10 (1953), Section 3	Taber Rd. to Troy Hill Road, Whippany. 12 Sheets. Negotiations authorized, set up $290,000.
Route U.S. 22 (1953), Sec. 13	New Providence Rd., Mountainside to Garden State Parkway. 2 Sheets. Negotiations authorized, set up $7,500.
Route 10 (1953), Section 4	Troy Hills Road to Livingston Avenue. 12 Sheets. Negotiations authorized, set up $155,000.
Route 35, (1953), Section 4	Eatontown to Red Bank. Revised plan. Negotiations authorized, set up $250,000, and it fell back to Item 7 $150,000.
Route 73 (1953), Section 2	From Rt. U.S. 130 to Route 38. 10 Sheets. Negotiations authorized, set up $252,000.
Route 80 (1953), Section 5E	From Rt. 17 at Lodi to N.J. and N.Y.R.R. at Hackensack. Negotiations authorized, set up $32,000.
Route 35 (1953), Section 12	From Rt. U.S. 9 South Amboy to New Jersey Turnpike. Negotiations authorized, set up $100,000.

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 135 items were presented to the Commissioner for action, including:

93 Agreements
22 Condemnations
3 Awards
2 Appeals Authorized
1 Judgement Approved
1 Jury Award Approved
2 Items rescinding previous action, property not to be acquired

Property Permit Cards were approved as follows:

[illegible] Section 6
[illegible] Avenue North to Route 3. 2 Sheets
Negotiations authorized, set up $250,000.

[illegible] Section 7
Rt. 3 to Fairview Avenue. 7 Sheets.
Negotiations authorized, set up $50,000.

[illegible] Section 2
[illegible] Fairview to Labor Road. Negotiations [illegible]

[illegible] Section 3
Paper Rt. 80 Troy Hill Road, Montgomery.
12 Sheets. Negotiations authorized, set up $300,000.

[illegible] Sec. 23 (1973), Sec. 23
New Providence Rd., Mountainside to Route [illegible]
Route [illegible]. 2 Sheets. Negotiations authorized, set up $1,500.

[illegible] Section 4
[illegible] Valley Mills Road to Livingston Avenue.
12 Sheets. Negotiations authorized, set up $15,000.

[illegible] Section 4
Intercity to Red Bank. Revised Plan.
Negotiations authorized, set up $250,000.
Road it Tell Book to Item 1 $1,000.

[illegible] Section 5
[illegible] Sec. 130 to Route 30. 10 Sheets.
Negotiations authorized, set up $15,000.

[illegible]
[illegible] Rt. 3 & [illegible]
at Book Brook. Negotiations authorized.

[illegible] Section 12
From Rt. [illegible] 3 South Amboy to New Jersey Turnpike. Negotiations authorized, set up $100,000.

[illegible]

1 Sale of "X" Parcel Approved
3 Buildings sold at public auction
1 Bid rejected for sale of building at public auction.
2 Deeds of Conveyance Approved
1 Confirmation of sale of "X" Parcel Approved
1 Application for Riparian Rights
1 Additional set up of $500. on Rt. S40, Section 5
1 Except Title subject to Easement

APPRAISAL ORDERS APPROVED

49 Orders were approved with outside fee appraisers for a total of $11,935.

H. N. Kramer

MB:pb

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July, 1959

Division: Right of Way Acquisitions & Titles
Bureau: Legal

I. STATISTICAL

Papers drawn in July:

Condemnation

Complaints - 12
Orders to Show Cause - 12
Orders of Continuance - 13
Notice of Motion for Substituting Commissioner - 3
Orders Substituting Commissioner - 3
Orders for Judgment and Appointing Commissioners - 13
Orders Extending Time for Filing Report - 16
Reports of Commissioners - 8
Orders Granting Compensation to Commissioners - 8
Petitions to Pay Condemnation Award into Court - 2
Orders to Pay Condemnation Award into Court - 2
Orders of Dismissal - 7

In Lieu of Prerogative Writ

Complaint - 1
Order to Show Cause - 1

Number of Deeds Approved - 67
Number of Titles Approved - 77

Court Appearances - 38

II. GENERAL ACTIVITIES

Conference with Attorney General and conferences with various Deputy Attorneys General; preparation for court appearances and appearances in court; preparing legal briefs and memoranda; conferences in re same.

During the year of 1958, we instituted 94 condemnation proceedings. As of August 1, 1959, we have instituted 105 condemnation suits.

Rights of Way Acquisition & Titles

Notice to Show Cause - 12
Orders of Condemnation - 13
Orders Authorizing Occupation - 9
Orders for Judgment and Appointing Commissioners - 14
Orders Extending Time for Filing Report - 16
Records of Commissioners - 8
Orders Granting Possession to Condemnors - 10
Petitions to Pay Condemnor or Amount into Court - 2
Orders to Pay Condemnor or Amount into Court - 2
Orders of Dismissal - 7

Location of Proposed Work

Complaint - 1

Number of Deeds Approved - 17
Number of Titles Approved - 17

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM:fh

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 59.

Division: Right of Way Acquisition & Titles
Bureau: Title

TITLE SEARCHING

112 searches and 131 continuation searches were completed throughout the State.

TITLE EXAMINING

63 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

53 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

77 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

68 final settlements were made with property owners.

CONDEMNATIONS

21 Title Memorandums were prepared and forwarded to the Department of Law. 90 condemnation notices were served.

TITLE COMPANIES

11 deeds were delivered through the offices of title companies.

9 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake
Title Officer

3 title searches were examined and Reports of Title prepared.

Final instruments were prepared and forwarded to the owners
their attorneys for execution.

partment of Law for approval.

Final settlements were made with property owners.

of Law. 90 condemnation notices were served.

books were delivered to title companies with instructions for

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 59

Division: Roads, Location and Design
Bureau: Federal Aid Secondary

PLANS

Checking Plans for the following projects:

Moonachie Avenue, Bergen County, S236(1), Revised
Meadow Avenue, Ocean County, S178(2), Revised
Ridgewood Avenue, Bergen County, S237(1)
Franklin Boulevard, Somerset County, S185(2)
Morris Street and Morris Avenue, Morris County, S122(3)
Washington Avenue, Morris County, S96(2)

PREPARING SPECIFICATIONS

Moonachie Avenue, Bergen County, S236(1)
Meadow Avenue, Ocean County, S178(2)
Landis Avenue, Cumberland County, S242(1)

PROJECTS ADVERTISED

Haddon Avenue, Camden County, S132(3)
Moonachie Avenue, Bergen County, S236(1)
Landis Avenue, Cumberland County, S242(1)

BIDS RECEIVED

Phillipsburg - Belvidere Road, Warren County, S228(2)
Haddon Avenue, Camden County, S132(3)

CONTRACTS AWARDED

Phillipsburg-Belvidere Road, Warren County, S228(2)

PROJECTS ACCEPTED AS COMPLETE

Bridgeton-Port Norris Road, Cumberland County, S191(2),S191(3),S204(2)
Bridgeton-Jericho Road, Cumberland County, S176(6)
Seeley-Lebanon Road, Cumberland County, S198(2)-S231(1)
Echo Lake Road, Passaic County, S203(1)
Ridgedale Avenue-Columbia Turnpike, Morris County, S104(3)-S187(2)

MISCELLANEOUS

Reviewing plans for proposed construction as requested by the various Counties, checking As Built Plans for Final Payments, preparing agreements between County and State for Federal Aid Secondary Projects and preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects,making Final Inspections, etc.. Received Final Payment from Federal Government on F.A.S. Projects.

vision: Roads, Location and Design

Plans for the following projects:

ie Avenue, Bergen County, 3382(1), Revised
Avenue, Ocean County, 3178(2), Revised
wood Avenue, Bergen County, 3387(1)
rris Street and Morris Avenue, Morris County, 3388(6)
ington Avenue, Morris County, 306(2)

ie Avenue, Bergen County, 3386(1)
l Avenue, Cumberland County, 3383(1)

ie Avenue, Bergen County, 3386(1)

sburg - Belvidere Road, Warren County, 3838(2)
Avenue, Camden County, 3132(3)

ACCEPTED AS COMPLETE

on Road, Cumberland County, 3136(4)-3837(1)

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **July** 19 59

Division: **State Aid**

Bureau:

GENERAL

Rate of progress of the construction program and maintenance program considerably delayed due to heavy rains during the month.

COUNTIES

Construction and maintenance program proceeding as fast as weather permits. Several counties have already completed their maintenance work. Items requiring office processing; 42 received, 19 processed.

MUNICIPALITIES

As in the case of the counties, weather was a considerable factor in delaying progress. Work progressing as rapidly as weather permits. Items requiring office processing; 296 received, 314 processed. Final inspection for approval and acceptance were completed on 15 projects.

PERSONNEL

Personnel still handling multiple assignments. Federal Aid Secondary personnel requirements aggravating an already serious shortage of inspectional personnel.

delayed due to heavy rains during the month.

maintenance program proceeding as fast as weather permits.

; 12 received, 17 processed.

the case of the counties, weather was a considerable factor in delaying
. Work progressing as rapidly as weather permits. Items requiring
received, 311 processed. Final inspection for approval
were completed on 15 projects.

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